CLAIMS
Having fully described my invention I claim:

1. (New) A Computer Program Operation Interface comprising:

a molded plastic base platform generally oval in shape
intended to interface with a horizontal desk top work
surface,

said horizontal base platform having a vertical tab rising
up from one end at a 90 degree angle,

said horizontal base platform having a vertical pillar
rising up from the platform deck at a 90 degree angle
located approximately in the center of the platform
having a threaded hole in the top of the pillar,

said horizontal base platform having an orifice in the hor-
izontal deck between the vertical tab and the vertical
pillar and another in the top of the vertical tab con-
figured to receive an industry standard X-Y axis roller-
ball sensor with its appurtenances,

said horizontal base platform having a vertical shortwall
around the perimeter of the base over which the covering
shell rests and into which is molded four receptors on
each of the long sides of the shortwall configured to
receive four industry standard on/off microswitches
to be located directly under the finger pads molded into
one side or the other of the covering shell,

said base having a U shaped slot in the vertical shortwall
at the end opposite the vertical tab through which
the serial patch cord exits the base platform.

2. (New) A Computer Program Operation Interface comprising:

a molded plastic covering shell which fits around the
vertical tab and over the vertical shortwall onto
the stepledge around the perimeter of the base platform
and is attached to the base by a single assembling screw,

said covering shell having molded into one side or the other
four finger pads totally separated vertically but hinged
at the top,

said covering shell having a U shaped slot in the end

7

opposite the vertical tab allowing the exit of the serial
patch cord from the base.

3. (New) A Computer Program Operation Interface according to
   c;aim 1 consisting of a base having six switch actuators:
   one actuator switch being an X-Y axis rollerball sensor
       located in the orifice provided in the deck of the
       horizontal base platform to activate for example the
       cursor location function of the program,
   another said actuator being an X-Y axis rollerball sensor
       located in the orifice provided in the vertical tab to
       activate fro example the horizontal and vertical scroll
       functions of the program manipulated by the thumb, and
   four industry standard on/off microswitches located in
       the receptors molded into the sides of the vertical
       shortwall and positioned directly under the finger pads
       molded into the appropriate side of the covering shell
       with all six switches being wired into an industry
       standard wiring harness and serial patch cord.

4. (New) A Computer Program Operation Interface accompanied
   by a driver and operational software that is programable
   and written in python language to allow the operation of
   of each activator switch to be programmed to the needs of
   the user and to make the device compatible to hardware and
   software programs.

5. (New)A Computer Program Operation Interface covering shell
   according to claim 2 comprising:
   a shape to be precisely determined by consulting with
       anatomical experts familiar with the cause and preven-
       tion of carpal tunnel syndrome,
   said shape to be generally egg-shaped completely filling
       the cavity of the palm of a relaxed hand in the natural
       position,
   said shape to provide support for the entire surface of the
       inside of the palm and fingers, and
   said shape to have a textured surface to provide ventilation
       for the palm and a sure grip on the devise by the user.

8

6. (New) A Computer Program Operation Interface which allows the full and optimum use of the hand of the operator with:

the thumb operating the X-Y axis rollerball sensor located in the vertical tab activating for example the horizontal and vertical scroll function of the program,

the lateral movement of the wrist activating the X-Y axis rollerball sensor located in the deck of the horizontal base platform activating for example the cursor location function of the program,

each of the four on/off microswitches activated by the four individual fingers pressing on the four finger pads molded into the covering shell activating selected functions of the program thus permitting all six switches to be manipulated independently and simultaneously allowing optimum use of the operator's hand.

7. (New) A Computer Program Operation Interface having two X-Y axis rollerball sensors and four on/off microswitches strategically located to allow all six switches to be manipulated independently and simultaneously by the thumb, four fingers, and slight lateral movement of the wrist providing optimum input capability to meet the growing needs of ever more complex computer programs and games software.

8. (New) A Computer Program Operation Interface consisting of a molded plastic horizontal base platform and a molded plastic covering covering shell described in claims 1 and 2 respectively which is egg-shaped and fits comfortably into the palm of a relaxed hand in the natural position completely filling the palm cavity and supporting the entire inner surface of the palm and fingers supporting the carpal region of the hand and eliminating the need for the operator to extend the fingers into an unnatural position completely removing unnatural stress on the muscles and tendons of the hand and arm.